

3 (a) contacting an array of sensors with a first sample of mammalian  
4 breath to identify analytes in said first sample; and  
5 (b) storing the results of the analysis of said first sample in a computer-  
6 readable format;  
7 (c) contacting an array of sensors with a second sample of mammalian  
8 breath to identify analytes in said second sample; and  
9 (d) comparing the results of said second sample with the stored results of  
10 the analysis of said first sample, thereby comparing the analyte profiles of mammalian  
11 breath samples.

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Please add the following new claims 32-33:

1 32. (New) The method of claim 24 or 31, wherein the comparing the  
2 results is diagnostic of a lower respiratory tract infection.

1 33. (New) The method of claim 24 or 31, wherein the comparing the  
2 results is diagnostic of an upper respiratory tract infection.

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#### REMARKS

Claims 24, and 26-33 are pending in the application and presented for examination. Claim 24 has been amended. Claims 1-9 and 14-23 and 25 have been canceled without prejudice. Claims 32-33 are newly added. Reconsideration is respectfully requested.

#### **I. FORMALITIES**

Claim 24 has been amended. Support for the amendment to the claim is found throughout the specification as originally filed. More particularly, support for the amendment to claim 24 is found, for example, in claim 25 and on page 11, lines 10-11.